UBLIS571%Assignment12-1 Fall 2015

**Assignment 12.1 *Assigned: Sept. 16***

***Due: Sept. 23***

**Concept list for semantic factoring**

|  |  |
| --- | --- |
| **Compound concept** | **Semantic factors – elemental concepts** |
| **0. Example viral hepatitis** | **inflammation : infection : virus : liver** |
| **1. leukemia** |  |
| **2. leukemia - diagnosis** |  |
| **3. leukemia - drug therapy** |  |
| **4. leukemia - radiation therapy** |  |
| **5. pneumonia** |  |
| **6. pneumonia treatment** |  |
| **7. lung cancer** |  |
| **8. mononucleosis** |  |
| **9. conjunctival cancer** |  |
| **10. conjunctival cancer -   radiation treatment** |  |
| **11. conjunctivitis** |  |
| **12. conjunctivitis - drug therapy** |  |
| **13. highway repair** |  |
| **14. diagnosis of car problems** |  |
| **15. car repair** |  |
| **16. wind tunnel** |  |

**List of the elemental concepts used.** (This will be the basis for Assignment 12.2)

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| --- | --- | --- |
|  | **Assignment 12.2** | ***Assigned: Sept. 16*** |
|  |  | ***Due: Sept. 23*** |

**Building a hierarchy of elemental concepts**

**Hierarchy of elemental concepts** arrayed in a linear arrangement with indention, plus cross-references, if needed (refer to your list of elemental concepts from 12.1).

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|  | **Assignment 12.3a** | ***Assigned: Sept. 23*** |
|  |  | ***Due: Sept. 30*** |

**Hierarchy from facet-combination. General practice**

**Hierarchy in graphical arrangement**

You can use the printed page from the assignment packet or print the following page and draw the rest of the graphical arrangement, then scan. Do not waste time with computer graphics.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Facet A | |  | Facet B | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| A1 Ability | |  | B1 Lang./Verbal | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| A1.1 Skill | |  |  |  |  | B1.1 Vocab. | |  | B1.2 Reading | |
|  |  |  |  |  |  |  |  |  |  |  |
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**Hierarchies in linear arrangements with indention, with cross-references.**

**Focus on facet A, facet B subordinate.**

**Focus on facet B, facet A subordinate.**

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**Assignment 12.3b *Assigned: Sept. 16***

***Due: Sept. 30***

**Hierarchy from facet-combination.**

*Application to the set of concepts from Assignment 12.1*

**Hierarchy in linear arrangement with indention**

This hierarchy builds on the hierarchy developed in Assignment 12.2. It adds the precombined concepts from 12.1